

Chapter 4: Global Translation, Journaling, and Protection

The following globals are distributed with the Resource Usage Monitor (RUM) software:

Global	Description
KMPR	<p>This global contains data for the RESOURCE USAGE MONITOR file. This global only contains the RESOURCE USAGE MONITOR file (#8971.1).</p> <p>Each Sunday this global will be trimmed (records deleted) automatically to contain a maximum of 21 days of data. This global is trimmed by the RUM Background Driver option [KMPR BACKGROUND DRIVER], which is scheduled to run every day at 1 a.m.</p>
KMPTMP("KMPR")	<p>The ^KMPTMP global is the storage location for inter-process temporary data. The Resource Usage Monitor (RUM) software uses the ^KMPTMP("KMPR") sub-node to temporarily store one day's worth of data at maximum.</p> <p>The contents of this sub-node are deleted by the RUM Background Driver option [KMPR BACKGROUND DRIVER], which is scheduled to run every day at 1 a.m.</p> <p>In terms of allocating the necessary disk space to accommodate the size and expected growth of ^KMPTMP, this value will vary somewhat depending on the size and overall workload level at the medical center. In general, sites should allow approximately 117,760,000 bytes (i.e., 115,000 DSM blocks or 57,500 Cache blocks) for ^KMPTMP and ensure that an appropriate reference entry for this global exists in the translation table.</p>

Table 4-1: RUM global descriptions



This version of the Resource Usage Monitor (RUM) software deletes obsolete RUM data from the temporary ^XTMP("KMPR") global.

Translation

The following table lists the translation requirements/recommendations for the RUM globals:

Global	Translation
KMPR	Mandatory, if the operating system supports this function.
KMPTMP("KMPR")	<p>Recommended. As per the <i>Kernel Technical Manual</i>:</p> <p>The ^KMPTMP global should be translated, if the operating system supports this function.</p>

Table 4-2: RUM global translation requirements/recommendations

Journaling

The following table lists the journaling requirements/recommendations for the RUM globals:

Global	Journaling
KMPR	Mandatory, if the operating system supports this function.
KMPTMP("KMPR")	<i>Not</i> recommended. As per the <i>Kernel Technical Manual</i> : The ^KMPTMP global should <i>not</i> be journalled.

Table 4-3: RUM global journaling requirements/recommendations

Protection

The following table lists the protection settings for the RUM globals:

Global Name	Protection	
	DSM for OpenVMS	Caché
^KMPR	System: RW World: RW Group: RW User: RW	Owner: RW Group: RW World: RW Network: RW
^KMPTMP("KMPR")	System: RW World: RW Group: RW User: RW	Owner: RW Group: RW World: RW Network: RW

Table 4-4: RUM global protection settings